

IL-7446F  
Mailed 6/11/90  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Joe W. Gray et al

Serial No: Group Art Unit:

Filed : Examiner:

For : Chromosome-Specific Staining to Detect  
Genetic Rearrangements

Receipt is hereby acknowledged of the following:  
Patent Application, Declaration and 12 sheets of  
drawings and Fee sheet.  
Express Mail Certificate, Express Mail No:RB160339960

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## Genetic Rearrangements

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Joe W. Gray et al.

Serial No: 0 / Group No.:

Filed: Examiner:

For: Chromosome-Specific Staining  
to Detect Genetic Rearrangements

Commissioner of Patents and Trademarks

Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number RB16033960

Date of Deposit June 11, 1990

I hereby certify that the following *attached* paper or fee

Patent Application, Declaration and 12 sheets of drawings,  
and Fee Sheet.

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Michelle A. Blomquist

(Typed or printed name of person mailing paper or fee)

Michelle A. Blomquist

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(Express Mail Certificate [8-3])

U. S. DEPARTMENT OF ENERGY  
FEE AUTHORIZATION FOR FILING PATENT APPLICATIONS

DOE Case S- 71,867  
(Field No. RL-11,090)

IL-7446F

Express Mail:RB160339960  
OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE EXPRESS MAIL: RB160339980

Applicant(s): JOE W. GRAY/DANIEL PINKEL/DOUG TKACHUK

**Title** : CHROMOSOME-SPECIFIC STAINING TO DETECT GENETIC REARRANGEMENTS

Commissioner of Patents and Trademarks  
Washington, D. C. 20231

Sir:

Transmitted herewith is a patent application for the above-identified case along with the other items as checked below:

12 Twelve ~~XXXXXXX~~ Sheets of  Formal  Informal Drawings.

Information Disclosure Statement Under 37 C.F.R. §§ 1.56 and 1.97.

Preliminary Amendment. Please enter any changes before calculating filing fee.

The filing fee is calculated below.

Authorized Signature  
(For Deposit Account 01-2752)